

What is claimed is:

1. A plastic barrel, embodied as a bung barrel or a lid barrel, manufactured as a single-layer container or multi-layer container by extrusion blow molding, the plastic barrel comprising:

a barrel body having an inner surface and an outer surface;

the barrel body having sections integrated into the barrel body, wherein the sections are comprised of electrically conducting plastic material; and

wherein the sections form electric connections between the inner surface and the outer surface of the barrel body.

2. The barrel according to claim 1, wherein the sections of the barrel body are strip-shaped and have a thickness matching a wall thickness of the barrel body.

3. The barrel according to claim 2, wherein the barrel body has a cylindrical jacket and wherein the sections extend parallel to a longitudinal axis of the barrel body across the cylindrical jacket of the barrel body.

4. The barrel according to claim 2, wherein the sections extend radially or diagonally across at least one of a bottom and a top of the barrel body.

5. The barrel according to claim 1, wherein the barrel body is a single-layer barrel body.

6. The barrel according to claim 5, wherein the single layer barrel body is made of high-density polyethylene.

7. The barrel according to claim 1, wherein the barrel body is comprised of an inner layer and a permanently antistatic outer layer.

8. The barrel according to claim 1, wherein the barrel body is comprised of an inner layer, a center layer, and a permanently antistatic outer layer.

9. The barrel according to claim 8, wherein the barrel body further comprises a barrier layer and bonding agent layers, wherein the barrier layer is embedded in the bonding agent layers and is arranged between the inner layer and the outer layer of the barrel body.

10. The barrel according to claim 8, wherein the inner layer and the outer layer of the barrel body are comprised of high-density polyethylene, wherein new granular polyethylene is used for the inner layer and the outer layer and wherein the outer layer contains conducting carbon black.

11. The barrel according to claim 8, wherein the center layer of the barrel body is comprised of high-density polyethylene, wherein at least one of recycled granular or ground pure polyethylene and polyethylene containing conducting carbon black is used for the center layer.

12. The barrel according to claim 1, wherein the barrel body has a barrier layer, made of polyamide or ethylene vinyl acetate copolymer, and two bonding agent layers of low-density polyethylene, wherein the barrier layer is embedded in the two bonding agent layers.

13. The barrel according to claim 1, wherein the sections are comprised of high-density polyethylene containing conducting carbon black.

14. A method for manufacturing a plastic barrel comprising a barrel body having an inner surface and an outer surface, wherein the barrel body has sections integrated into the barrel body, wherein the sections are comprised of electrically conducting plastic material, and wherein the sections form electric connections between the inner surface and the outer surface of the barrel body; the method comprising the steps of:

extruding a single layer or co-extruding a multi-layer hose-shaped blank of non-conducting base material, wherein the blank comprises strips distributed about a periphery of the blank and comprised of electrically conducting material, wherein the step of extruding is carried out continuously or discontinuously; and

blow-molding the blank with the strips to a barrel body in a blow mold.

15. A method for manufacturing a plastic barrel comprising a barrel body having an inner surface and an outer surface, wherein the barrel body has sections integrated into the barrel body, wherein the sections are comprised of electrically conducting plastic material, and wherein the sections form electric connections between the inner surface

and the outer surface of the barrel body; the method comprising the steps of:

extruding a single layer or coextruding a multi-layer hose-shaped blank in an extruder head, continuously or discontinuously;

splitting the blank exiting the extruder head at locations distributed about a periphery of the blank;

injecting into gaps, resulting from splitting, an electrically conducting plastic material for forming strips in the blank, wherein the plastic material injected into the gaps fuses homogeneously with the material of the blank; and

subsequently, blow molding the blank provided with the strips to a barrel body in a blow mold.